

**METROPOLITAN BRANCH TRAIL DESIGN BUILD PROJECT
FROM NEW YORK AVENUE, NE to FRANKLIN STREET
Contract # DCKA-2007-R-003**

**CONSTRUCTION MANAGER'S WEEKLY PROGRESS REPORT
WEEK OF 10/19/09 – 10/23/09**



PROJECT SUMMARY

The Metropolitan Branch Trail (MBT) is a proposed 8-mile multi-use trail that runs from Silver Spring in Maryland to Union Station in the District of Columbia. This project is a 6,500 linear foot section of the trail that runs from New York Avenue, NE to Franklin Street, which is constructed under a design build deliver method in four phases.

- | | |
|---------------------------------|--------------------------------|
| • Total Contract Value | \$4,307,484.76 |
| • Prime Design Build Contractor | Fort Myer Construction Company |
| • Original Notice to Proceed | July 22, 2008 |
| • Contract Completion Date | July 21, 2009 |

The work generally consists of:

- 11' wide asphalt path with 2' wide crushed stone shoulder paths on either side
- Access to the path are available at various dead end streets via gateways and shopping centers
- The project includes all trail amenities including landscaping, fencing park benches and pedestrian solar lighting and emergency call boxes.
- Signing and pavement marking along the path will guide the pedestrians through the path.
- Soil erosion and sediment control measures are employed throughout the length of the project including silt fence, inlet protection, and tree protection.

ISSUES AND RESOLUTIONS

Field Issues

- Contractor has continued to build retaining wall without waiting for approval to modify design
- Contractor has no firm target about work to be done in current week.

Administrative Issues

DAILY WORK PERFORMED

Monday, October 19, 2009

The prime contractor carried out work as shown below.

- Setting forms for footer of concrete retaining wall between sta. 30+78 and 32+00, tying reinforcement steel and pouring class B (4500 psi) concrete.
- Setting forms for stem of concrete retaining wall, tying reinforcement steel from sta.26+42 to 26+72 and 27+02 to 27+62 of phase 2 trail area and pouring class B (4500 psi) concrete.
- The concrete poured today was tested by PSI technician (Mr. Ali Basravi) for entrained air,slump and temperature and were found to be 7.1 %, 4.0" and 64 degrees respectively. This concrete was also tested by D.D.O.T. field technician(Mr. John) for air,slump,tempera ture and was found to be 7.2 %, 4.25" and 64 degrees respectively.
- The concrete was tested by D.D.O.T.field technician for QUALITY ASSURANCE purpose.
- Attended bi-weekly progress meeting @ D.D.O.T. office (64, New York Ave.)

Tuesday, October 20, 2009

The prime contractor carried out work as shown below.

- Setting forms for footer of concrete retaining wall from sta.32+00 to 32+87 of phase 2 trail area, tying reinforcement bars and pouring class B (4500 psi) concrete.
- Excavating the area to place top soil @ rest area of trail near "4" and "S" street intersection.
- Removing existing bituminous concrete @ intersection of "5" and "T" street to tie in new driveway @ sta. 40+87 and placing two layers of base course (14% mix RAP). This work is out of scope and contractor did it at his cost.This work was done for smooth transition.
- Removing stones of shoulder from vicinity of edge of base course of asphalt placed on phase 4 trail area as a part of preparation to lay surface layer.
- Stripping forms of concrete retaining wall stem poured yesterday, tying reinforcement steel, setting forms for stem from sta. 26+72 to 27+02 and sta.27+62 to 27+92 of phase 2 trail area and pouring class B(4500 psi) concrete.
- The concrete was tested by PSI technician (Mr.Ali Basravi). The
- entrained air,slump and concrete temperature were found to be respectively 7.0, 4.0" and 73 degrees.

Wednesday, October 21, 2009

The prime contractor carried out work as shown below.

- Setting forms of footer for concrete retaining wall from sta.32+87 to 33+90 of phase 2 trail area, setting reinforcement bars and pouring class B (4500 psi) concrete.
- Cleaning the edge of base asphalt laid on phase 4 trail area by removing stones from vicinity of asphalt edge for scheduled paving of final layer (surface) next day.
- Tying reinforcement bars of stem of concrete retaining wall from sta. 27+92 to 28+52 of phase 2 trail area, setting its forms and pouring class B (4500 psi) concrete.
- Placing top soil in the rest area of phase 4 trail near "4" and "S" street.
- Hauling the wall footer excavation dirt outside the project area.
- The concrete was tested by PSI technician (Mr.Stuart) for entrained air, slump and temperature and were found to be 7.0 %,3.75",72 degrees (first load) and 7.4 %,5.0" and 75 degrees(third load).

Thursday, October 22, 2009

The prime contractor carried out work as shown below.

- Paving of final layer (surface) of phase 4 trail area from sta.40+88 to sta. 51+58 of phase 4 trail area. The compaction was checked and cores were cut by contractor's technician (Mr.Marcus Hall).
- Setting forms of footer of concrete retaining wall from sta. 33+90 to 34+91 of phase 2 trail area, setting reinforcement steel and pouring Class B (4500 psi) concrete.
- Tying reinforcement bars to footer steel, setting forms and pouring concrete from sta.28+82 to 29+42 of phase 2 trail area.
- Placing top soil in rest area of phase 4 trail area and hauling dirt of footer excavation outside the project area.

Note; PSI technician (Mr. Edward Lewis) arrived to project site but did not bring air meter to check entrained air of concrete. When I asked him the reason of not bringing air meter,he said that his boss had told him only to check slump of concrete, prepare cylinders and check steel of footer and stem.

Friday, October 23, 2009

The prime contractor carried out work as shown below.

- Tying reinforcement steel of stem wall from sta.28+52 to 28+82 and sta.29+72 to 30+02 of phase 2 trail area, setting forms and pouring concrete (class B).

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- Setting forms of footer of concrete retaining wall from sta.34+91 to sta.36+17 of phase 2 trail area, setting reinforcement steel and pouring class B (4500 psi) concrete. TODAY ALL CONCRETE
- POURING WORK OF RETAINING WALL FOOTER IS COMPLETED.
- Hauling excavation dirt outside project area. Note: Today the concrete was tested in field by PSI inspector (Mr.AliBasravi) for entrained air,slump and concrete temperature and their values were found to be 6.2 %, 5.0" and 74 degrees. Six cylinders were made for 7, 14 and 28 days break.

FINANCIALS

| Financials | | Period ending | | 09/30/09 | | |
|-------------------|--|-----------------|-----------------|-------------------|-----------------|--------|
| | | | | Progress Payments | | |
| | | Contract Value | Previous | This Month | To Date | % comp |
| Original Contract | | \$ 4,307,484.76 | \$ 1,267,426.79 | \$ 628,645.60 | \$ 1,896,072.39 | 44.02% |
| Change Orders | | \$ - | | | | |
| Total Contract | | \$ 4,307,484.76 | \$ 1,267,426.79 | \$ 628,645.60 | \$ 1,896,072.39 | |

The Contractor provided the following two week look ahead schedule.

10/23/2009

| <u>Activity</u> | Mon <u>26-Oct</u> | Tues <u>27-Oct</u> | Wed <u>28-Oct</u> | Thurs <u>29-Oct</u> | Fri <u>30-Oct</u> | Mon <u>2-Nov</u> | Tues <u>3-Nov</u> | Wed <u>4-Nov</u> | Thurs <u>5-Nov</u> | Fri <u>6-Nov</u> |
|--|----------------------|-----------------------|----------------------|------------------------|----------------------|---------------------|----------------------|---------------------|-----------------------|---------------------|
| <i>Phase 1 (will continue when planting season begins & temps allow)</i> | | | | | | | | | X | X |
| <i>Phase 2</i> | | | | | | | | | | |
| Construct Concrete Walls | X | X | X | X | X | X | X | | | |
| Procure Lagging Wall Materials (Pending Design Approval) | | | | | | | | | | |
| Procure Coal Chute Cover Materials (Pending C.O. & Design Approval) | | | | | | | | | | |
| <i>Phase 4</i> | | | | | | | | | | |
| Install Fence | X | X | X | X | X | | | | | |
| <i>Phase 3 (on-hold pending receipt of easements & permit)</i> | | | | | | | | | | |

PROJECT PHOTOS











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